

**R315. Environmental Quality, Solid and Hazardous Waste.**

**R315-305. Class IV and VI Landfill Requirements.**

**R315-305-1. Applicability.**

- (1) These standards apply to each facility that landfills only:
  - (a) construction/demolition waste, inert waste, yard waste, dead animals;
  - (b) upon meeting the requirements of Section 19-6-804 and Subsections R315-320-3(1) or (2), waste tires and material derived from waste tires; or
  - (c) upon meeting the requirements of R315-315-8(3), petroleum contaminated soils.
- (2) Inert waste used as road building material and fill material are excluded from the requirements of Rule R315-305.

**R315-305-2. Class IV and VI Landfill Standards for Performance.**

Each Class IV and VI Landfill shall meet the landfill standards for performance as specified in Section R315-303-2.

**R315-305-3. Definitions.**

Terms used in Rule R315-305 are defined in Section R315-301-2. In addition, for the purpose of Rule R315-305, the following definitions apply.

- (1) "Class IVa Landfill" means a Class IV Landfill that receives, based on an annual average, over 20 tons of waste per day and may receive, as a component of construction/demolition waste, waste from a conditionally exempt small quantity generator of hazardous waste, as defined by Section R315-2-5.
- (2) "Class IVb Landfill" means a Class IV Landfill that receives, based on an annual average, 20 tons, or less, of waste per day or demonstrates that no waste from a conditionally exempt small quantity generator of hazardous waste is accepted.

**R315-305-4. General Requirements.**

- (1) Location Standards.
  - (a) A new Class IVa Landfill shall meet the location standards of Subsection R315-302-1(2).
  - (b) A new Class IVb or VI Landfill or the expansion of an existing Class IVb or VI Landfill shall be subject to the following location standards:
    - (i) the standards with respect to floodplains as specified in Subsection R315-302-1(2)(c)(ii);
    - (ii) the standards with respect to wetlands as specified in Subsection R315-302-1(2)(d);
    - (iii) the standards with respect to ground water as specified in Subsection R315-301-1(2)(e)(i)(B); and
    - (iv) if the permit application for a new Class IVa, IVb, or VI Landfill requests approval to accept dead animals for disposal, the application shall document that the landfill also meets the requirements of Subsections R315-302-1(2)(a)(i), (ii), (iv), and (v).
    - (v) Exemptions from the location standards of Subsection R315-305-4(1)(b)(i), (ii), and (iii) may be granted by the Executive Secretary for a new Class IVb or VI Landfill, on a site specific bases, if it is determined that the exemption will cause no adverse impact to human health or the environment.
  - (A) No exemption may be granted without application to the Executive Secretary.
  - (B) If an exemption is granted, the landfill may be required to have more stringent design, construction, monitoring program, or operational practice to protect human health or the environment.
- (c) An existing Class IVa, IVb, or VI Landfill:
  - (i) shall not be subject to the location standards of Subsections R315-305-4(1)(a) or R315-305-4(1)(b)(i), (ii), or (iii); but
  - (ii) if the current permit of an existing Class IVa, IVb, or VI Landfill does not allow the acceptance of dead animals and the owner or operator requests approval to accept dead animals for disposal after October 15, 2003, the request to the Executive Secretary shall document that the landfill also meets the requirements of Subsections R315-302-1(2)(a)(i), (ii), (iv), and (v).

(2) An owner or operator of a Class IV or VI Landfill shall obtain a permit, as set forth in Rule R315-310.

(3) An owner or operator of a Class IV or VI Landfill shall design and operate the landfill to:

(a) prevent the run-on of all surface waters resulting from a maximum flow of a 25-year storm into the active area of the landfill; and

(b) collect and treat, if necessary, the run-off of surface waters and other liquids resulting from a 25-year storm from the active area of the landfill.

(4) An owner or operator of a Class IVa Landfill shall monitor the ground water beneath the landfill as specified in Rule R315-308.

(5) An owner or operator of a Class IV or VI Landfill shall erect a sign at the facility entrance as specified in Subsection R315-303-3(6)(d).

(6) An owner or operator of a Class IV or VI Landfill shall maintain the applicable records as specified in Subsection R315-302-2(3).

(7) An owner or operator of a Class IV or VI Landfill shall meet the requirements of Subsection R315-302-2(6) and make the required recording with the county recorder.

#### **R315-305-5. Requirements for Operation.**

(1) The owner or operator of a Class IV or VI Landfill shall not accept any other form of waste except the wastes specified in Subsection R315-305-1(1).

(2) The owner or operator of a Class IV or VI Landfill shall prevent the disposal of unauthorized waste by ensuring that at least one person is on site during hours of operation and shall prevent unauthorized disposal during off-hours by controlling entry, i.e., lockable gate or barrier, when the facility is not open.

(3) The owner or operator of a Class IV or VI Landfill shall:

(a) minimize the size of the working face as required by Subsection R315-303-3(7)(g);

(b) employ measures to prevent emission of fugitive dusts, when weather conditions or climate indicate that transport of dust off-site is liable to create a nuisance;

(c) meet the requirements of Subsection R315-303-3(1)(a) and (b) to minimize liquids admitted to the landfill;

(d) collect scattered litter as necessary to avoid a fire hazard or an aesthetic nuisance; and

(e) prohibit scavenging.

(4) The owner or operator of a Class IV or VI Landfill shall cover timbers, wood, and other combustible waste with a minimum of six inches of soil, or equivalent, as needed to avoid a fire hazard.

(5) The owner or operator of a Class IV or VI Landfill shall meet the applicable general requirements of closure and post-closure care of Section R315-302-3 as determined by the Executive Secretary.

(a) The owner or operator of a Class IVa Landfill shall meet the specific closure requirements of Subsection R315-303-3(4).

(b) The owner or operator of a Class IVb or VI Landfill shall close the facility by:

(i) leveling the waste to the extent practicable;

(ii) covering the waste with a minimum of two feet of soil, including six inches of topsoil;

(iii) contouring the cover as specified in Subsection R315-303-3(4)(a)(iii); and

(iv) seeding the cover with grass, other shallow rooted vegetation, or other native vegetation or covering in another manner approved by the Executive Secretary to minimize erosion.

(v) The Executive Secretary may approve an alternative final cover design for a Class IVb or VI Landfill if it is documented that the alternative final cover provides equivalent protection from infiltration and erosion as the cover specified in Subsection R315-305-5(5)(b).

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